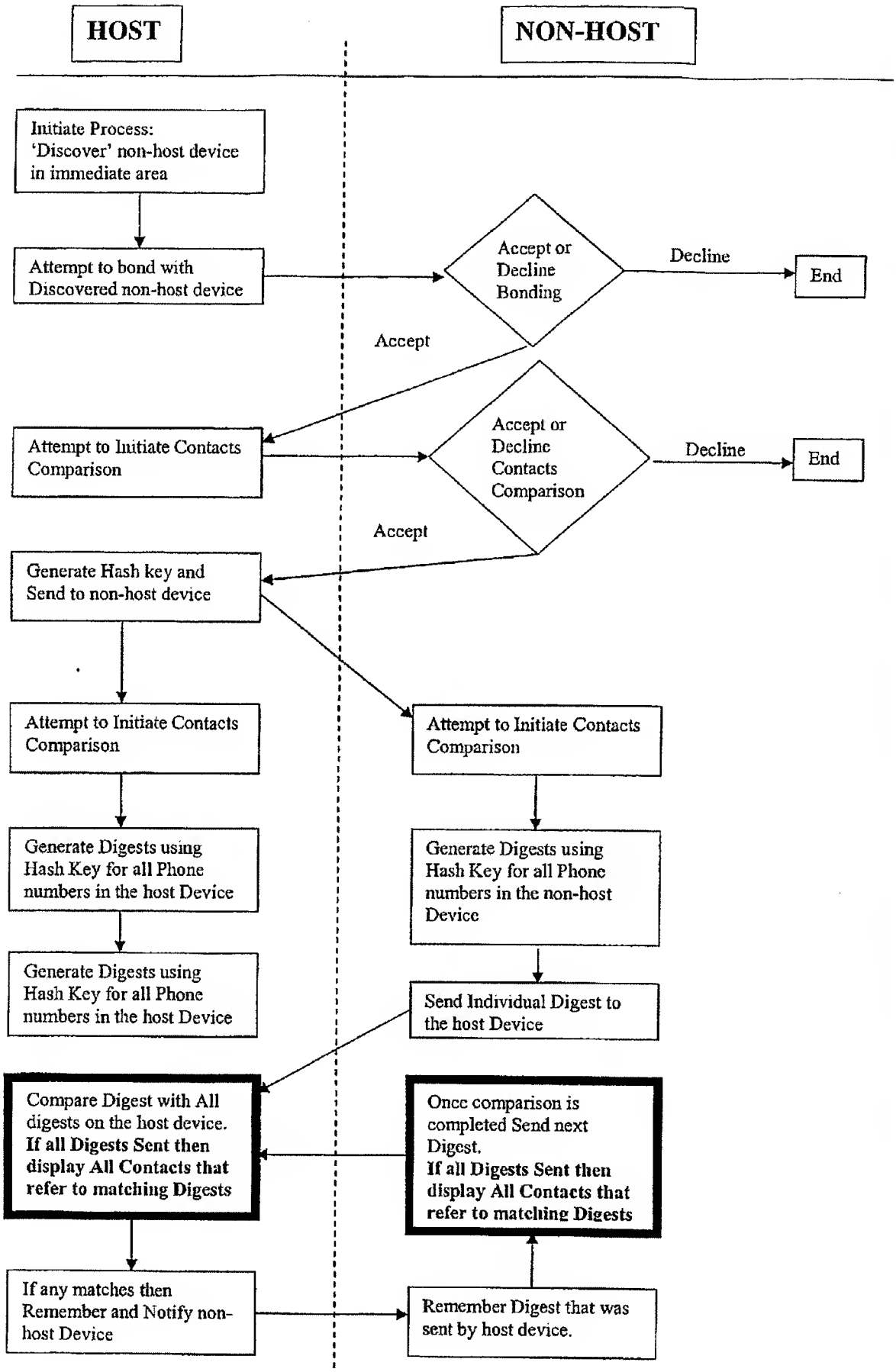
HOST
NON-HOST
Initiate Process: 'Discover' non-host device in immediate area
Attempt to bond with Discovered non-host device
Accept or Decline Bonding
Decline
End
Accept
Attempt to Initiate Contacts Comparison
Accept or Decline Contacts Comparison
Decline
End
Accept
Generate Hash key and Send to non-host device
Attempt to Initiate Contacts Comparison
Attempt to Initiate Contacts Comparison
Generate Digests using Hash Key for all Phone numbers in the host Device
Generate Digests using Hash Key for all Phone numbers in the non-host Device
Generate Digests using Hash Key for all Phone numbers in the host Device
Send Individual Digest to the host Device
Compare Digest with All digests on the host device. If all Digests Sent then display All Contacts that refer to matching Digests
Once comparison is completed Send next Digest. If all Digests Sent then display All Contacts that refer to matching Digests
If any matches then Remember and Notify non-host Device
Remember Digest that was sent by host device.